Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original) A method of estimating motion vectors for downsampled blocks, comprising:

   (a) providing a first plurality of motion vectors and a second plurality of corresponding DCT blocks;

   (b) for each of said motion vectors computing a magnitude for said corresponding DCT block(s); and

   (c) estimating a motion vector corresponding to a downsampling of said DCT blocks by scaling the one of said motion vectors which has a minimum magnitude for corresponding DCT block(s) in step (b).

Claim 2 (original) The method of claim 1, wherein:

   (a) each of said motion vectors corresponds to a 2x2 array of 8x8 DCT blocks; and

   (b) said magnitude of step (b) of claim 1 is the sum of squares of the elements of said four 8x8 DCT blocks.

Claim 3 (original) The method of claim 2, wherein:

   (a) said 8x8 DCT blocks are the discrete cosine transforms of luminance prediction error blocks